

SECTION 497.7. APPLICATION FOR GRANT FUNDING

Applicants for grant funding under the program shall file a complete application with the Department on a form prescribed by the Department. The Department shall not revise the application form during any period in which project proposals are being solicited. A complete application shall contain at least the following information:

A. A DESCRIPTION OF THE PROPOSED PROJECT INCLUDING:

See Grant Response Included In Section II. —Project Objectives

1. *A statement of the problem being addressed*
2. *A discussion of the ways that the project addresses the problem and satisfies the purposes described in Section 497.5(a)(2).*
3. *A description of the project approach*
4. *A discussion of the expected outcome and benefits of the project*
5. *A description of the geographic boundaries of the project*
6. *Verification that the project is located at least partially in one of the qualifying areas listed in Section 497.5(a).*
7. *A description and justification of any proposed use of program funds for flood control system or water system repairs performed as part of an easement program or a project developed or financed under the program (Water Code Section 79043).*
8. *A demonstration that the project is technically feasible*

An engineering analysis has been conducted on the proposed project and is outlined in the attached draft feasibility study. Construction of the project does not present any unique challenges from an engineering standpoint. A geomorphic analysis has also been conducted to ensure that the project will not result in significant maintenance requirements. An outline for an adaptive management plan has also been prepared to address how unanticipated hydraulic, ecologic and geomorphic consequences of the project would be corrected. Both the geomorphic report and the outline for the adaptive management plan are included in Appendix C of the attached EIR

9. *A hydrologic and hydraulic analysis prepared by a civil engineer registered pursuant to California law or a Professional Hydrologist-Surface Water certified by the American Institute of Hydrology*

Appendix A of the attached draft feasibility study (Appendix E) contains the results of the hydrologic and hydraulic analysis that was performed by MBK Engineers

10. *A complete initial study environmental checklist as required by Section 15063(f), Title 1, California Code of Regulations, and if available a completed Environmental Impact Report or other environmental documentation as required by CEQA.*

Refer to **Appendix J**.

11. *A list of required permits for the project and an implementation plan for their procurement.*

In order to proceed with this project, the following agency approvals and permits are necessary. These permits and approvals must be obtained prior to the start of construction.

- California Department of Fish and Game Streambed Alteration Agreement
- U.S. Army Corps of Engineers Nationwide Permit
- Consultation with the State Historic Preservation Officer
- Regional Water Quality Control Board NPDES permit
- California Department of Transportation encroachment permit
- U.S. Fish and Wildlife Service Incidental Take Permit
- Notification to the Director of the Department of Conservation of intent to void Williamson Act contracted land

B. MAPS AND DRAWINGS AS NECESSARY TO DESCRIBE THE PROJECT, INCLUDING:

Refer to grant application responses.

1. *A vicinity map*
2. *A map indicating location of project features and boundaries of affected property*
3. *Drawings or sketches of project features as necessary to describe them*

C. A FINANCIAL SUMMARY INCLUDING:

Refer to **Application Section VI. A**

1. *The estimated cost of the project broken down by task*

2. *The estimated flood control benefits of the project*

The annual inundation-reduction benefit and savings in flood insurance administering cost is \$1,411,000.

3. *The amount of the grant requested*

4. *The estimated amount to be funded by the applicant*

5. *Identification of any other parties contributing to the cost, and the amounts and activities to be funded by them*

D. A SUMMARY OF PROPOSED PROPERTY ACQUISITION RIGHTS INCLUDING:

Refer to **Appendix H**

1. *Identification of each property*

2. *Names, addresses and telephone numbers of the property owners and lessees or tenants*

3. *The type of property rights to be acquired (such as easement or fee title).*

4. *Evidence that affected landowners are willing participants in any proposed real property transactions.*

5. *A justification of any proposed acquisition of fee interest in property to protect or enhance a flood protection corridor or floodplain while preserving or enhancing agricultural use (Water Code Section 79037(b)(1)) which includes:*

- a. Reason for the fee title acquisition
- b. Alternatives considered to fee title acquisition for each property
- c. Proposed final disposition of the property
- d. Effect on county property tax revenue

E. A TENTATIVE WORK PLAN FOR THE PROJECT INCLUDING

1. *A timetable for execution of the project:*

Draft EIR- January 2003 to March 2003

Final EIR- March 2003 to July 2003

Pre-construction Work Plan- August 2003 to April 2004

Construction- May 2004 to October 2006

Construction would be phased with earthwork proceeding first (terraces, levees, grading) followed by utilities (storm drains, sewer, electrical etc) followed by bridgework and other hard surfaces.

2. *A task breakdown for the project:*

Tentative Work Plan

Work Plan Items Completed:

- Phase I planning and scoping of potential protection strategies for the area of the City of St. Helena. Phase I plan developed new hydrology and hydraulics data for this reach of the Napa River using the FESWMS two-dimensional finite element model to simulate flood events on the Napa River. Through Phase I, several possible project strategies to reduce flood damage to the Vineyard Valley Mobile Home Park, Hunt's Grove Apartments, and other residential structures in the area were identified. Consultation with the stakeholders was included in the Phase I effort.
- Comprehensive Flood Study to further develop and refine the possible project scenarios by determining engineering feasibility, financial feasibility, environmental feasibility, and public/stakeholder/political acceptability of the various alternatives elements identified in Phase I.
- Comprehensive Flood Study Draft Environmental Impact Report (January 2003) seeks to develop and implement a plan to reduce flood damage from the Napa River that will result in an overall improvement to health and ecosystem in the project reach. The EIR identifies potentially direct, indirect, and cumulative project related impacts as well as mitigation measures to reduce significant impacts.

Work Plan Items to be Completed:

- Adopt final EIR and selected preferred project plan.
- Prepare pre-construction Work Plan. This design document will develop the following detailed items:
 - Design standards
 - Foundation and construction materials
 - Levee plans
 - Clearing plans
 - Bank protection requirements
 - Detailed flowage easements and right-of-ways
 - Road utility relocations
 - Irrigation and drainage facilities relocations
 - Maintenance and operation requirements
 - Permits / regulatory agency coordination
- Construction of project and implementation of plan mitigation features.
 - Prepare construction plans and bid document
 - Advertise contract
 - Award construction contract
 - Prepare mitigation plan document
 - Award mitigation contract
 - Construct facilities
 - Complete construction
 - Final Operations and Maintenance Plan
 - Begin operations of project

3. ***A description of how services of the California Conservation Corps, or local community conservation corps will be used in the project.***

Refer to **Application Section VI. A.** –In-Kind partnership with CCC and Attached Letter from the CCC.

- F. A LIST OF NAMES AND ADDRESSES OF OWNERS OF ALL PROPERTY INTERESTS IN PARCELS ADJACENT TO THOSE FOR WHICH ACQUISITION OF PROPERTY RIGHTS IS PROPOSED.

Refer to **Appendix H, Property information**

- G. IF PROPERTY RIGHTS ARE TO BE ACQUIRED FOR THE PROJECT, OR IF A NEED IS INDICATED IN ENVIRONMENTAL REVIEW DOCUMENTATION PREPARED FOR THE PROJECT PURSUANT TO CEQA, A PLAN TO MINIMIZE THE IMPACT OF THE PROJECT ON ADJACENT PROPERTY OWNERS, INCLUDING BUT NOT LIMITED TO THE FOLLOWING (WATER CODE SECTION 79041):

1. An evaluation of the impact on floodwaters

In March 1995, the St. Helena area experienced significant flooding from the Napa River. Flood water reached an elevation of 218.7 at the Vineyard Valley concrete wall, overtopping the wall and flooding the mobile home park and the Hunts Grove Apartments. In addition, a small amount of water overtopped the levee berm protecting Vineyard Valley downstream from the north wall and outflanked the southwest end of the wall. The left bank of the Silverado Trail was overtopped limiting vehicular access and damaging the road. Several homes were also inundated on the left bank. Generally, the adjacent vineyards were not significantly damaged but experienced isolated erosion and debris accumulation.

The existing Vineyard Valley Mobile Home Park is located on the right bank of the Napa River at Pope Street and extends 1,500' upstream. At the upstream end of the park, a concrete wall starts at the river and extends southwesterly about 1,400 feet in a perpendicular direction from the river. The concrete wall height varies from elevation 218.0' to 219.0' NGVD. Along the right bank, a small levee/berm has been built which extends from Sulphur Creek and proceeds upstream to tie into the concrete wall. The levee is 4 to 6 feet wide on the crown and has elevations that vary from 215.2 to 216.6. Figure 1 shows the location of the above-described features.

The preferred plan reduces water surface elevations in the project reach, thereby minimizing the extent of flooding. Hydraulic calculations show that the proposed terrace does not increase flow velocities in the Napa River channel. Peak channel velocities remain the same in the project reach and upstream and downstream of the project.

2. *The structural integrity of affected levees*

The existing Vineyard Valley levees or floodwall do not provide adequate flood protection or freeboard. FEMA shows the area designated as Zone AE. Zone AE is a special flood hazard area inundated by the 100-year flood. The existing levee system will be setback and new floodwalls or levees constructed. The new levees and floodwalls will be built to meet or exceed minimum FEMA criteria.

3. *Diversion facilities:*

No diversion facilities are planned for the project.

4. *Current and historic agricultural practices on the project site and in the vicinity:*

The proposed project does not significantly affect agricultural practices. Flood water elevations will be reduced in the project area. However, adjacent agricultural land will still be subject to inundation.

5. *Timber extraction operations:*

Not applicable for this project.

6. *An evaluation with regard to maintenance*

New facilities for the project include the terrace floodplain and new levees and floodwalls. The City will be responsible for maintenance of these features. The terrace will be maintaining as a linear park for habitat and recreation. The new levees and floodwalls will be certified by the City. The City will maintain all certified flood protection levees as required under CFR§65.10(d) of FEMA regulations. This levee certification requires minimum freeboard, open closures, embankment erosion protection analysis, foundation stability, and interior drainage analysis. A maintenance plan for the levee system will be developed to ensure levee stability, height and overall integrity. The geomorphic study that was conducted for the project concluded that the project would not result in significant channel maintenance requirements. An outline for an adaptive management plan has been prepared to address how unanticipated hydraulic, ecologic and geomorphic consequences of the project would be corrected. ***Both the geomorphic report and the outline for the adaptive management plan are included in Appendix C of the attached EIR.***

H. A DESCRIPTION OF THE INPUT AND PARTICIPATION THAT LOCAL GROUPS AND AFFECTED PARTIES PROVIDED IN THE PREPARATION OF THE WORK PLAN AND APPLICATION.

Following is a description of the public involvement for the proposed project to date. This is also included in the Draft EIR, Appendix E and Section 5.6 in the EIR document.

ES1.4.4 Public Support

Throughout the development and refinement of the various EIR alternatives, and following city-initiated studies beginning in 1998, several public meetings were held to identify issues and concerns as part of the EIR process. Those meetings involved City Council meetings and work sessions on December 10, 2001; January 8, 2002; March 12 and 26, 2002; July 16, 2002; August 13, 2002; and November 6, 2002. An NOP submitted January 24, 2002 and revised NOP submitted September 13, 2002 were issued; copies of comments on the NOPs are supplied in Appendix B. A public scoping meeting on the initial draft EIR was conducted on January 29, 2002 and February 6, 2002. In addition to the formal public meetings, the City organized a technical working group involving resource agencies, technical experts specializing in hydrology, geomorphology, and home relocation issues, City staff, local citizens, and interest groups. Three technical meetings were held in Berkeley, CA between August and December 2002 to review the geomorphology study findings (Appendix C) and provide comments and ask questions. Two additional follow up meetings were held in St. Helena for interested parties who could not make the original meetings. The City's Measure A Steering Committee which included representatives from the City Council, Board of Supervisors, City staff, Vineyard Valley Mobile Home Park, and local citizens and interest groups such as Friends of the Napa River (FONR) also provided input into the study process and alternatives development.

5.6 Public and Agency Involvement

Early in the study, a comprehensive public involvement strategy was developed to ensure that agencies, organizations, and individuals potentially affected by the project or with an interest in the project would be included in the process. A Measure A Steering Committee was formed in 1999 to bring together the various elected officials, local groups, impacted stakeholders and residents including elected City and County officials and staff, representative from VVMHP, and local citizens to provide input on the flood study and review recommended strategies. That committee has remained active since its formation, providing input on the joint study and development of subsequent hydrology and other technical studies. The committee also provided input on the draft feasibility study presented to Council in December 2001 and July 2002. A Council subcommittee and project study team also met on a regular basis to discuss and implement community outreach strategies and monitor the study's progress.

The public was involved in the initial environmental scoping process to aid in developing flood reduction measures. Copies of the NOP, revised NOP, and comments on both documents are included in Appendix B. Minutes from public meetings regarding the flood protection project are available upon request from the City of St. Helena.

In addition to the required EIR scoping process, community outreach and input has played a significant role in developing the alternatives and identifying issues to be addressed in the draft EIR and feasibility study. The City Council has placed emphasis on establishing a collaborative community outreach and education process to inform and involve various community members and groups as the flood study progressed. Discussions regarding the flood study and issue identification have taken place with various stakeholders including Vineyard Valley Mobile Home Park homeowners association, Fulton Avenue residents, and adjacent property owners. Meetings have also been held with St Helena Chamber of Commerce board, former city mayors involved in previous flood planning efforts and local environmental groups including Friends of the Napa River.

Since March 2002, the City Council directed the study team to expand the outreach to stakeholder groups and the community with the intention of receiving additional input on the study alternatives. The subsequent outreach included meetings and/or communication with the following groups and individuals:

- Napa County Flood Control and Water Conservation District
- Federal Emergency Management Agency
- California Department of Fish and Game
- San Francisco Bay Regional Water Quality Control Board
- Vineyard Valley Mobile Home Park Homeowners Association
- Vineyard Valley Mobile Home Park, Park Owners
- U.S. Army Corps of Engineers
- National Marine Fisheries Service
- Friends of the Napa River
- U.S. Fish & Wildlife Service
- Native American Heritage Commission
- California Department of Water Resources
- California Department of Transportation
- Office of Historic Preservation
- St. Helena City Council, Flood Subcommittee
- Measure A Steering Committee
- Napa County Resource Conservation District
- Sulphur Creek Restoration Stewardship Group
- Private Property Owners
- Members of the General Public

The City has made an effort to keep local, state and federal resource agencies and legislators informed of the study to pro-actively pursue potential funding opportunities and to resolve regulatory issues in the future. This coalition building represents a positive step towards achieving

the Councils' goal of reaching broad based community consensus in selecting and implementing a flood project.

Outreach efforts have included numerous public meetings, informal workshops and community forums, meetings with local individuals and groups, in addition to resource agencies and legislators. Newsletters informing the community on the flood study progress, project issues, and public meetings have been distributed to all residents and businesses. The City has also utilized the local public access channel and City website to post announcements of upcoming meetings, inform the public regarding study issues, and where to obtain additional information. Council meetings were also televised on the local public access channel.

On January 29, 2002, after the submittal of the NOP to the State Clearinghouse, the City of St. Helena hosted a public meeting to solicit public input on the current scope of the flood protection project. The City also organized another scoping session on February 6, 2002, to gain similar input from the resource agencies.

On July 16, 2002, the project team recommended creating a Technical Advisory Committee to guide the team and the City in:

- Developing the scope of the geomorphology study, and
- Assessing project impacts to hydrology, sediment transport, and riparian vegetation.

The Technical Advisory Committee is composed of technical advisors from the San Francisco Bay RWQCB, U.S. Army Corps of Engineers, Swanson Hydrology and Geomorphology, along with City staff, and study team consultants. Other resource agencies, conservation groups, and public representatives including Napa County Flood Control District, Natural Resources Conservation Service, National Marine Fisheries Service, California Department of Fish and Game, Friends of the Napa River, and Vineyard Valley Mobile Home Park Homeowners Association were invited to attend the technical meetings to provide feedback, and keep informed during study progression.

On August 27, September 30, and December 3, 2002, Technical Advisory Committee members met to discuss the findings of the geomorphic study and provide feedback to the study team. Minutes and tapes of those meetings were made available to the public and Council members.

I. A STATEMENT RELATIVE TO THE USE OF A TRUST FUND FOR MAINTENANCE, OR ANY PROPOSED ALTERNATIVE, AS SPECIFIED IN WATER CODE SECTION 79044.

Refer to **Application Section VI. A.** –No grant funds are requested for a maintenance trust fund. The City has the resources to fund its own maintenance trust fund.

J. EITHER OR BOTH OF THE FOLLOWING, DEPENDING ON APPLICABILITY:

Refer to **Application Section IV. A and IV.B**

1. *An analysis of the project benefits to wildlife habitat.*

Refer to **Application Sections V. A.** —this is a wildlife habitat project, not an agricultural preservation project.

2. *A description of project actions to preserve agricultural land.*

Refer to **Application Section V. B.** The City believes that the benefits to type should be 100% wildlife habitat and that the agricultural preservation section should not apply. Nevertheless, we have completed selections sections to complete to provide an overview of the agricultural setting in which this flood corridor-wildlife habitat project is proposed.

K. A STATEMENT OF QUALIFICATIONS FOR THE PROJECT TEAM.

Refer to **Appendix G**

L. A WRITTEN STATEMENT BY AN ATTORNEY CERTIFYING THAT THE APPLICANT IS AUTHORIZED TO ENTER INTO A GRANT AGREEMENT WITH THE STATE OF CALIFORNIA.

Refer to **Appendix K**

NOTE:

Authority: Water Code Sections 8300, 12580, and 79044.9.

Reference: Water Code Sections 79035 through 79044; Public Resources Code Sections 21000 *et seq.*; California Code of Regulations, Title 1, Section 15063(f).